

An Agency of Industry Canada

Office de la Propri,t, Intellectuelle du Canada

Un organisme d'Industrie Canada (11) CA 2 359 051

(13) A1

(40) 24.08.2000 (43) 24.08.2000

(12)

(21) 2 359 051

(51) Int. Cl. 7:

F23Q 7/22

(22) 10.02.2000

(85) 29.06.2001

(86) PCT/US00/03450

WO00/49340 (87)

(30)

09/253,376 US 19.02.1999

(71)SAINT-GOBAIN CERAMICS AND PLASTICS, INC., 1 New Bond Street Box Number 15138, WORCESTER, XX (US).

SHUM, DAVID (US). KOCHAN, BRIAN S. (US). NAGY, BELA (US). COOPER, JOHN (US). HAMEL, SCOTT M. (US).

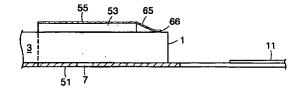
(74)

(72)

GOWLING LAFLEUR HENDERSON LLP

- ALLUMEUR EN CERAMIQUE SANS SOUDURE DOTE D'UN ORGANE DE FIXATION A UN CHASSIS DE (54)**MONTAGE**
- SOLDERLESS CERAMIC IGNITER HAVING A LEADFRAME ATTACHMENT (54)

²²²An electrical connection for a ceramic hot surface element in which the ends 2of the hot surface element are essentially interference fit within a pair of ²metallic termination sleeves, and electrical connection to the hot surface ²element is provided by an active metal braze which is directly chemically ²bonded to the metallic termination.²





Office de la Propriété Intellectuelle 🚽 du Canada

Un organisme d'Industrie Canada

Canadian Intellectual Property Office

An agency of Industry Canada CA 2359051 A1 2000/08/24

(21) 2 359 051

(12) DEMANDE DE BREVET CANADIEN **CANADIAN PATENT APPLICATION**

(13) A1

(86) Date de dépôt PCT/PCT Filing Date: 2000/02/10

(87) Date publication PCT/PCT Publication Date: 2000/08/24

(85) Entrée phase nationale/National Entry: 2001/06/29

(86) N° demande PCT/PCT Application No.: US 00/03450

(87) N° publication PCT/PCT Publication No.: WO 00/49340

(30) Priorité/Priority: 1999/02/19 (09/253,376) US

(51) Cl.Int.7/Int.Cl.7 F23Q 7/22

(71) Demandeur/Applicant:

SAINT-GOBAIN CERAMICS AND PLASTICS, INC., US

(72) Inventeurs/Inventors:

HAMEL, SCOTT M., US; KOCHAN, BRIAN S., US;

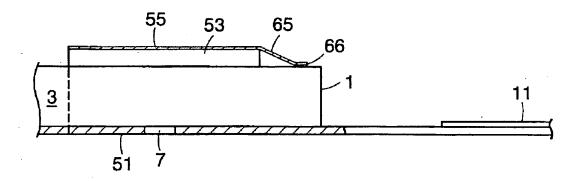
COOPER, JOHN, US, SHUM, DAVID, US;

NAGY, BELA, US

(74) Agent: GOWLING LAFLEUR HENDERSON LLP

(54) Titre: ALLUMEUR EN CERAMIQUE SANS SOUDURE DOTE D'UN ORGANE DE FIXATION A UN CHASSIS DE **MONTAGE**

(54) Title: SOLDERLESS CERAMIC IGNITER HAVING A LEADFRAME ATTACHMENT



(57) Abrégé/Abstract:

An electrical connection for a ceramic hot surface element in which the ends of the hot surface element are essentially interference fit within a pair of metallic termination sleeves, and electrical connection to the hot surface element is provided by an active metal braze which is directly chemically bonded to the metallic termination.







